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## ABSTRACT

### PROBE STATION WITH LOW NOISE CHARACTERISTICS

A cable includes an inner conductor, an inner dielectric, and a guard  
10 conductor, where the inner dielectric is between the inner conductor and the guard  
conductor. The cable also includes an outer dielectric, and a shield conductor, where the  
outer dielectric is between the guard conductor and the shield conductor. The cable  
further includes an additional layer of material between the outer dielectric and the shield  
conductor of suitable composition for reducing triboelectric current generation between  
15 the outer dielectric and the shield conductor to less than that which would occur were the  
outer dielectric and the shield conductor to directly adjoin each other.